

## **Forest View Acres Water District**

Operations Report –September/October 2011

....Prepared by Gabrielle Begeman  
ORC LLC

### **Treatment Plants:**

#### **Arapahoe Water Plant:**

- The production out of the well fluctuates and is back up to 92 GPM for September.
- We did obtain a quote of \$2500 for installing a transducer in the well when we consider doing the well rehab.
- We have lowered the start level for the Arapahoe to pump up the tank from 20' to 15' in hopes of being able to meet more of the demand via the SWTP. Last February we were able to meet demand with the SWTP only based on the lowered tank level.
- We have re-routed the transmission line to travel up Red Stone Ridge and enter the tank trunk line first, before going to the distribution system.
- See the graphs section of the production report for detailed data on water production by type and by year.

#### **Booster Pump Station:**

- On 10/8/11 the pump control valves began acting up. We cleaned all screens and the valve began working again. The pump stations reliability is questionable and we have installed new runtime hour clocks and counters to be able to trend the operation more consistently.

#### **Surface Water Plant:**

- The air compressor has been running fine.
- We noticed a slight drop in production when the AWP is pumping up to the tank trunk line as they are now sharing the same line to the tank and they tend to compete. We will keep our eyes on this.

## **Distribution system**

#### **PRV Pits**

- We have almost completed the annual inspection and adjustment of all the PRV's in the district.
- We had a part rupture in PRV pit #3 on Forest View and Sandstone which resulted in increased pressures downstream. We do not think the pressure exceeded 180 psi. The part was replaced and normal pressures were restored throughout the district.

- We had a corrosion related pipe break within the PRV pit #2 on Sandstone and Pixie Park. See attached pictures showing the leak area and temporary fix. We will need to ultimately replace that portion of pipe that is still leaking, but will need to investigate a more economical solution than replacing the entire PRV pit.

#### Roadways

- Patching has begun on all streets where previous road cuts were made.
- El Paso County requires a road cut permit whenever there are repairs made within the road. All permits applications have been retroactively completed and submitted to the County for review.

#### Maps

- We are compiling a long list of updates to the maps.

### **Capital Improvement Projects**

#### Master Meters

- Three meter pits have been installed. See the attached map (will be available at the meeting) for locations of the 3 zones.
- See the CIP spreadsheet for completion status and associated dependencies.

#### SWTP

- The proposed logic and control scheme has been completed and sent to Golder and Associates.
- We are waiting on final signatures to begin the schedule as listed on the CIP spreadsheet.